

**Flood Control Project Maintenance**  
**2018 Structure Summary Report**  
**Overall Unit and Item Ratings**

**Merced Streams Group**

**Black Rascal Creek Drop Structure**

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	A
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	A
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	N
	Electric Gate Operators	N
	Manual Gate Operators	N
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Security Fencing	A
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	A
	Safety	A
	Operation & Maintenance Manual	A

**Flood Control Project Maintenance**  
**2018 Structure Summary Report**  
**Overall Unit and Item Ratings**

**Merced Streams Group (cont.)**

**Owens Creek Siphon Structure**

Overall Unit Rating	Rated Item	Item Rating
<b>M</b>	Photo Documentation	N
	Vegetation & Obstructions	U
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	N
	Encroachments	A
	Culverts: Inlets / Outlets	A
	Culverts: Breaks / Holes / Cracks	A
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	N
	Electric Gate Operators	N
	Manual Gate Operators	N
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	A
	Safety	A
	Operation & Maintenance Manual	A

**Flood Control Project Maintenance**

**Unit Cover Sheet**

**2018 Structure Inspection Results**

**Merced Streams Group**

Structure
Black Rascal Creek Drop Structure

Structure Rating	A
Date of Inspection	6/26/2018
DWR Inspector	Luz Dial
Accompanied By	

**Flood Control Project Maintenance  
Levee Inspections**

## Levee Inspection Report By Mile - Structure 2018

### Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Black Rascal Creek Drop Structure		06/26/2018 06/26/2018	Luz Dial

LM Start	0.00	Rating **	N	Issue No.	1
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Photo Documentation			37.314667 °	37.314667 °
				-120.396101 °	-120.396101 °
DWR ID	DWR_NA0013_28_t_2016_1				
Action/Comments					

Photo 1 of 5 : ST\_2018\_NA0013\_28\_1\_20180802\_00007.jpg



View of drop structure from downstream. Summer 2018

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 5 : ST\_2018\_NA0013\_28\_1\_20180802\_00008.jpg



View of abutments from left bank. Summer 2018

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 3 of 5 : ST\_2018\_NA0013\_28\_1\_20180608\_00001.jpg



Black Rascal Creek Drop Structure viewed from across channel.  
Summer 2017

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2018**

**Merced Streams Group**

Structure	Structure Length	Inspection Start/End	Inspector
Black Rascal Creek Drop Structure		06/26/2018 06/26/2018	Luz Dial

LM Start	0.00	Rating **	N	Issue No.	1 (cont)	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Photo Documentation			37.314667 °		37.314667 °
				-120.396101 °		-120.396101 °
DWR ID	DWR_NA0013_28_t_2016_1					
Action/Comments						

Photo 4 of 5 : ST\_2018\_NA0013\_28\_1\_20180608\_00002.jpg



Looking across from the left bank abutment over to the right bank.  
Summer 2017

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>1 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

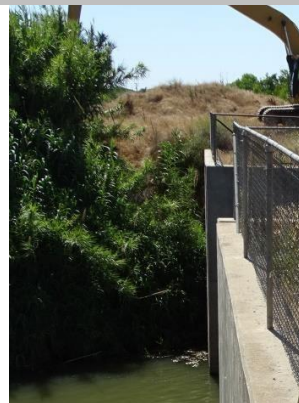
Photo 5 of 5 : ST\_2018\_NA0013\_28\_1\_20180608\_00003.jpg



Black Rascal Creek Drop Structure view of the upstream side of the outlet. Summer 2017

LM Start	0.00	Rating **	A	Issue No.	2
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Vegetation & Obstructions			37.314667 °	37.314667 °
				-120.396101 °	-120.396101 °
DWR ID	DWR_NA0013_28_t_2016_2				
Action/Comments					
Inspector Comments: Remove Arundo on the right bank downstream of the structure.					

Photo 1 of 3 : ST\_2018\_NA0013\_28\_2\_20180802\_00009.jpg



View of Arundo on right bank downstream of structure. Summer 2018

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

## Levee Inspection Report By Mile - Structure 2018

### Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Black Rascal Creek Drop Structure		06/26/2018 06/26/2018	Luz Dial

LM Start	0.00	Rating **	A	Issue No.	2 (cont)	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start	End	
Item	Vegetation & Obstructions			37.314667 °	37.314667 °	
				-120.396101 °	-120.396101 °	
DWR ID	DWR_NA0013_28_t_2016_2					
Action/Comments						
Inspector Comments: Remove Arundo on the right bank downstream of the structure.						

Photo 2 of 3 : ST\_2018\_NA0013\_28\_2\_20180608\_00004.jpg



Standing on the right bank looking downstream at wild bamboo growth against the concrete structure. Summer 2017

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>2 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : ST\_2018\_NA0013\_28\_2\_20180608\_00005.jpg



Standing downstream of the right bank bamboo and other wild growth present against the concrete wall. Summer 2017

LM Start	0.00	Rating **	A	Issue No.	3
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Shoaling / Sedimentation			37.314667 °	37.314667 °
				-120.396101 °	-120.396101 °
DWR ID	DWR_NA0013_28_t_2016_3				
Action/Comments					

No Photos

**\* Location**  
LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**  
A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

## Levee Inspection Report By Mile - Structure 2018

### Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Black Rascal Creek Drop Structure		06/26/2018 06/26/2018	Luz Dial

LM Start	0.00	Rating **	A	Issue No.	4
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.314667 °	37.314667 °
				-120.396101 °	-120.396101 °
DWR ID	DWR_NA0013_28_t_2016_4				
Action/Comments					

No Photos

LM Start	0.00	Rating **	A	Issue No.	5
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Revetments			37.314667 °	37.314667 °
				-120.396101 °	-120.396101 °
DWR ID	DWR_NA0013_28_t_2016_5				
Action/Comments					

No Photos

LM Start	0.00	Rating **	A	Issue No.	6
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.314667 °	37.314667 °
				-120.396101 °	-120.396101 °
DWR ID	DWR_NA0013_28_t_2016_6				
Action/Comments					

No Photos

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Levee Inspection Report By Mile - Structure 2018

### Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Black Rascal Creek Drop Structure		06/26/2018 06/26/2018	Luz Dial

LM Start	0.00	Rating **	N	Issue No.	7
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Culverts: Inlets / Outlets			37.314667 °	37.314667 °
				-120.396101 °	-120.396101 °
DWR ID	DWR_NA0013_28_t_2016_7				
Action/Comments					

No Photos

LM Start	0.00	Rating **	A	Issue No.	8
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Culverts: Breaks / Holes / Cracks			37.314667 °	37.314667 °
				-120.396101 °	-120.396101 °
DWR ID	DWR_NA0013_28_t_2016_8				
Action/Comments					

No Photos

LM Start	0.00	Rating **	N	Issue No.	9	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Metal Pipes			37.314667 °		37.314667 °
				-120.396101 °		-120.396101 °
DWR ID	DWR_NA0013_28_t_2016_9					
Action/Comments						

No Photos

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2018**

**Merced Streams Group**

Structure	Structure Length	Inspection Start/End	Inspector
Black Rascal Creek Drop Structure		06/26/2018 06/26/2018	Luz Dial

LM Start	0.00	Rating **	N	Issue No.	10
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Trash Racks	37.314667 °		37.314667 °	
		-120.396101 °		-120.396101 °	
DWR ID	DWR_NA0013_28_t_2016_10				
Action/Comments					

No Photos

LM Start	0.00	Rating **	N	Issue No.	11
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Flap Gates	37.314667 °		37.314667 °	
		-120.396101 °		-120.396101 °	
DWR ID	DWR_NA0013_28_t_2016_11				
Action/Comments					

No Photos

LM Start	0.00	Rating **	N	Issue No.	12
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Sluice/Slide Gates			37.314667 °	37.314667 °
				-120.396101 °	-120.396101 °
DWR ID	DWR_NA0013_28_t_2016_12				
Action/Comments					

No Photos

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2018**

**Merced Streams Group**

Structure	Structure Length	Inspection Start/End	Inspector
Black Rascal Creek Drop Structure		06/26/2018 06/26/2018	Luz Dial

LM Start	0.00	Rating **	N	Issue No.	13
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Electric Gate Operators			37.314667 °	37.314667 °
				-120.396101 °	-120.396101 °
DWR ID	DWR_NA0013_28_t_2016_13				
Action/Comments					

No Photos

LM Start	0.00	Rating **	N	Issue No.	14
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Manual Gate Operators			37.314667 °	37.314667 °
				-120.396101 °	-120.396101 °
DWR ID	DWR_NA0013_28_t_2016_14				
Action/Comments					

No Photos

LM Start	0.00	Rating **	A	Issue No.	15
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Surfaces			37.314667 °	37.314667 °
				-120.396101 °	-120.396101 °
DWR ID	DWR_NA0013_28_t_2016_15				
Action/Comments					

No Photos

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2018**

**Merced Streams Group**

Structure	Structure Length	Inspection Start/End	Inspector
Black Rascal Creek Drop Structure		06/26/2018 06/26/2018	Luz Dial

LM Start	0.00	Rating **	A	Issue No.	16
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Concrete Tilting / Settlement	37.314667 °		37.314667 °	
		-120.396101 °		-120.396101 °	
DWR ID	DWR_NA0013_28_t_2016_16				
Action/Comments					

No Photos

LM Start	0.00	Rating **	A	Issue No.	17
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Foundations			37.314667 °	37.314667 °
				-120.396101 °	-120.396101 °
DWR ID	DWR_NA0013_28_t_2016_17				
Action/Comments					

No Photos

LM Start	0.00	Rating **	A	Issue No.	18
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Security Fencing			37.314667 °	37.314667 °
				-120.396101 °	-120.396101 °
DWR ID	DWR_NA0013_28_t_2016_18				
Action/Comments					

No Photos

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2018**

**Merced Streams Group**

Structure	Structure Length	Inspection Start/End	Inspector
Black Rascal Creek Drop Structure		06/26/2018 06/26/2018	Luz Dial

LM Start	0.00	Rating **	N	Issue No.	19
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Closure Structures	37.314667 °		37.314667 °	
		-120.396101 °		-120.396101 °	
DWR ID	DWR_NA0013_28_t_2016_19				
Action/Comments					

No Photos

LM Start	0.00	Rating **	N	Issue No.	20
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Trash Rakes			37.314667 °	37.314667 °
				-120.396101 °	-120.396101 °
DWR ID	DWR_NA0013_28_t_2016_20				
Action/Comments					

No Photos

LM Start	0.00	Rating **	N	Issue No.	21
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Other Metallic Items			37.314667 °	37.314667 °
				-120.396101 °	-120.396101 °
DWR ID	DWR_NA0013_28_t_2016_21				
Action/Comments					

No Photos

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Levee Inspection Report By Mile - Structure 2018

### Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Black Rascal Creek Drop Structure		06/26/2018 06/26/2018	Luz Dial

LM Start	0.00	Rating **	A	Issue No.	22
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Monolith Joints	37.314667 °		37.314667 °	
		-120.396101 °		-120.396101 °	
DWR ID	DWR_NA0013_28_t_2016_22				
Action/Comments					

No Photos

LM Start	0.00	Rating **	A	Issue No.	23
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Safety	37.314667 °		37.314667 °	
		-120.396101 °		-120.396101 °	
DWR ID	DWR_NA0013_28_t_2016_23				
Action/Comments					

Photo 1 of 2 : ST\_2018\_NA0013\_28\_23\_20180802\_00011.jpg



View of fence along left bank. Summer 2018

Photo 2 of 2 : ST\_2018\_NA0013\_28\_23\_20180608\_00006.jpg



View of safety fence looking from the right bank across the channel to the fence on top of structure left bank. Summer 2017

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance  
Levee Inspections**

## Levee Inspection Report By Mile - Structure 2018

### Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Black Rascal Creek Drop Structure		06/26/2018 06/26/2018	Luz Dial

LM Start	0.00	Rating **	A	Issue No.	24
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Operation & Maintenance Manual			37.314667 °	37.314667 °
				-120.396101 °	-120.396101 °
DWR ID	DWR_NA0013_28_t_2016_24				
Action/Comments					
Inspector Comments: O+M manual maintained at LMA office.					

No Photos

**\* Location**  
LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**  
A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance**  
**Unit Cover Sheet**  
**2018 Structure Inspection Results**

**Merced Streams Group**

Structure
Owens Creek Siphon Structure

Structure Rating	<b>M</b>
Date of Inspection	6/27/2018
DWR Inspector	Luz Dial
Accompanied By	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2018**

**Merced Streams Group**

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Siphon Structure		06/27/2018 06/27/2018	Luz Dial

LM Start	0.00	Rating **	N	Issue No.	1
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Photo Documentation			37.262648 °	37.262648 °
				-120.288194 °	-120.288194 °
DWR ID	DWR_NA0013_51_t_2016_1				
Action/Comments					

Photo 1 of 6 : ST\_2018\_NA0013\_51\_1\_20180802\_00007.jpg



View of siphon inlet structure. Summer 2018

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>1 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 2 of 6 : ST\_2018\_NA0013\_51\_1\_20180802\_00008.jpg



View of top of siphon inlet structure. Summer 2018

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>1 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 3 of 6 : ST\_2018\_NA0013\_51\_1\_20180802\_00009.jpg



View of the outlet of the siphon structure. Summer 2018

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

## Levee Inspection Report By Mile - Structure 2018

### Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Siphon Structure		06/27/2018 06/27/2018	Luz Dial

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Photo Documentation			37.262648 °	37.262648 °
				-120.288194 °	-120.288194 °
DWR ID	DWR_NA0013_51_t_2016_1				
Action/Comments					

Photo 4 of 6 : ST\_2018\_NA0013\_51\_1\_20180608\_00001.jpg



Looking at the inlet structure from left bank. Owens Creek Siphon Structure. Summer 2017

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>1 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 5 of 6 : ST\_2018\_NA0013\_51\_1\_20180608\_00002.jpg



Top of Owens Creek Siphon Structure Inlet. Summer 2017

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>1 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 6 of 6 : ST\_2018\_NA0013\_51\_1\_20180608\_00003.jpg



Looking at the outlet of the Owens Creek Siphon Structure. Summer 2017

**\* Location**  
LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**  
A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

## Levee Inspection Report By Mile - Structure 2018

### Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Siphon Structure		06/27/2018 06/27/2018	Luz Dial

LM Start	0.00	Rating **	U	Issue No.	2
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Vegetation & Obstructions			37.262648 °	37.262648 °
				-120.288194 °	-120.288194 °
DWR ID	DWR_NA0013_51_t_2016_2				
Action/Comments					
Inspector Comments: Control the vegetation growth at the inlet of the siphon structure which may impede flows. Summer 2018					

Photo 1 of 4 : ST\_2018\_NA0013\_51\_2\_20180802\_00010.jpg



View of vegetation obstructing view of inlet. Summer 2018

LM Start	<b>0.00</b>	Rating **	U	Issue No.	<b>2 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 2 of 4 : ST\_2018\_NA0013\_51\_2\_20180802\_00011.jpg



View of vegetation downstream of siphon structure. Summer 2018

LM Start	<b>0.00</b>	Rating **	U	Issue No.	<b>2 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 3 of 4 : ST\_2018\_NA0013\_51\_2\_20180608\_00005.jpg



Looking at the vegetation present on the right bank of the inlet. Summer 2017

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

## Levee Inspection Report By Mile - Structure 2018

### Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Siphon Structure		06/27/2018 06/27/2018	Luz Dial

LM Start	0.00	Rating **	U	Issue No.	2 (cont)	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Vegetation & Obstructions			37.262648 °		37.262648 °
				-120.288194 °		-120.288194 °
DWR ID	DWR_NA0013_51_t_2016_2					
Action/Comments						
Inspector Comments: Control the vegetation growth at the inlet of the siphon structure which may impede flows. Summer 2018						

Photo 4 of 4 : ST\_2018\_NA0013\_51\_2\_20180608\_00004.jpg



Looking at the vegetation present on the left bank if the inlet. Summer 2017

LM Start	0.00	Rating **	A	Issue No.	3
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Shoaling / Sedimentation	37.262648 °		37.262648 °	
		-120.288194 °		-120.288194 °	
DWR ID	DWR_NA0013_51_t_2016_3				
Action/Comments					

No Photos

LM Start	0.00	Rating **	A	Issue No.	4	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Erosion / Bank Caving			37.262648 °		37.262648 °
				-120.288194 °		-120.288194 °
DWR ID	DWR_NA0013_51_t_2016_4					
Action/Comments						
Inspector Comments: No apparent erosion was observed during the inspection. Summer 2018						

No Photos

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

## Levee Inspection Report By Mile - Structure 2018

### Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Siphon Structure		06/27/2018 06/27/2018	Luz Dial

LM Start	0.00	Rating **	N	Issue No.	5
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Revetments			37.262648 °	37.262648 °
				-120.288194 °	-120.288194 °
DWR ID	DWR_NA0013_51_t_2016_5				
Action/Comments					
Inspector Comments: There is no riprap at this location.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	6
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.262648 °	37.262648 °
				-120.288194 °	-120.288194 °
DWR ID	DWR_NA0013_51_t_2016_6				
Action/Comments					

No Photos

LM Start	0.00	Rating **	A	Issue No.	7
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Culverts: Inlets / Outlets			37.262648 °	37.262648 °
				-120.288194 °	-120.288194 °
DWR ID	DWR_NA0013_51_t_2016_7				
Action/Comments					

Photo 1 of 1 : ST\_2018\_NA0013\_51\_7\_20180608\_00006.jpg



Looking at the inlet from the left bank upstream. Summer 2017

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

## Levee Inspection Report By Mile - Structure 2018

### Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Siphon Structure		06/27/2018 06/27/2018	Luz Dial

LM Start	0.00	Rating **	A	Issue No.	8
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Culverts: Breaks / Holes / Cracks			37.262648 °	37.262648 °
				-120.288194 °	-120.288194 °
DWR ID	DWR_NA0013_51_t_2016_8				
Action/Comments					

No Photos

LM Start	0.00	Rating **	N	Issue No.	9
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Metal Pipes			37.262648 °	37.262648 °
				-120.288194 °	-120.288194 °
DWR ID	DWR_NA0013_51_t_2016_9				
Action/Comments					

No Photos

LM Start	0.00	Rating **	N	Issue No.	10
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Trash Racks			37.262648 °	37.262648 °
				-120.288194 °	-120.288194 °
DWR ID	DWR_NA0013_51_t_2016_10				
Action/Comments					

No Photos

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Levee Inspection Report By Mile - Structure 2018

### Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Siphon Structure		06/27/2018 06/27/2018	Luz Dial

LM Start	0.00	Rating **	N	Issue No.	11
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Flap Gates	37.262648 °		37.262648 °	
		-120.288194 °		-120.288194 °	
DWR ID	DWR_NA0013_51_t_2016_11				
Action/Comments					

No Photos

LM Start	0.00	Rating **	N	Issue No.	12
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Sluice/Slide Gates	37.262648 °		37.262648 °	
		120.288194 °		-120.288194 °	
DWR ID	DWR_NA0013_51_t_2016_12				
Action/Comments					

No Photos

LM Start	0.00	Rating **	N	Issue No.	13
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Electric Gate Operators			37.262648 °	37.262648 °
				-120.288194 °	-120.288194 °
DWR ID	DWR_NA0013_51_t_2016_13				
Action/Comments					

No Photos

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2018**

**Merced Streams Group**

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Siphon Structure		06/27/2018 06/27/2018	Luz Dial

LM Start	0.00	Rating **	N	Issue No.	14
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Manual Gate Operators			37.262648 °	37.262648 °
				-120.288194 °	-120.288194 °
DWR ID	DWR_NA0013_51_t_2016_14				
Action/Comments					

No Photos

LM Start	0.00	Rating **	A	Issue No.	15
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Surfaces			37.262648 °	37.262648 °
				-120.288194 °	-120.288194 °
DWR ID	DWR_NA0013_51_t_2018_15				
Action/Comments					

No Photos

LM Start	0.00	Rating **	A	Issue No.	16
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Tilting / Settlement			37.262648 °	37.262648 °
				-120.288194 °	-120.288194 °
DWR ID	DWR_NA0013_51_t_2016_16				
Action/Comments					

No Photos

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2018**

**Merced Streams Group**

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Siphon Structure		06/27/2018 06/27/2018	Luz Dial

LM Start	0.00	Rating **	A	Issue No.	17
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Concrete Foundations	37.262648 °		37.262648 °	
		-120.288194 °		-120.288194 °	
DWR ID	DWR_NA0013_51_t_2016_17				
Action/Comments					

No Photos

LM Start	0.00	Rating **	N	Issue No.	18
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start	End		
Item	Security Fencing	37.262648 °		37.262648 °	
		-120.288194 °		-120.288194 °	
DWR ID	DWR_NA0013_51_t_2016_18				
Action/Comments					

No Photos

LM Start	0.00	Rating **	N	Issue No.	19
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start	End		
Item	Closure Structures	37.262648 °		37.262648 °	
		120.288194 °		-120.288194 °	
DWR ID	DWR_NA0013_51_t_2016_19				
Action/Comments					

No Photos

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Levee Inspection Report By Mile - Structure 2018

### Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Siphon Structure		06/27/2018 06/27/2018	Luz Dial

LM Start	0.00	Rating **	N	Issue No.	20
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Trash Rakes			37.262648 °	37.262648 °
				-120.288194 °	37.288194 °
DWR ID	DWR_NA0013_51_t_2016_20				
Action/Comments					

No Photos

LM Start	0.00	Rating **	N	Issue No.	21
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Other Metallic Items			37.262648 °	37.262648 °
				-120.288194 °	-120.288194 °
DWR ID	DWR_NA0013_51_t_2016_21				
Action/Comments					

No Photos

LM Start	0.00	Rating **	A	Issue No.	22	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start	End	
Item	Monolith Joints			37.262648 °	37.262648 °	
				-120.288194 °	-120.288194 °	
DWR ID	DWR_NA0013_51_t_2016_22					
Action/Comments						
Inspector Comments: The monolith joint material is in good condition.						

No Photos

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Levee Inspection Report By Mile - Structure 2018

### Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Siphon Structure		06/27/2018 06/27/2018	Luz Dial

LM Start	0.00	Rating **	A	Issue No.	23
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Safety	37.262648 °		37.262648 °	
		-120.288194 °		-120.288194 °	
DWR ID	DWR_NA0013_51_t_2016_23				
Action/Comments					

No Photos

LM Start	0.00	Rating **	A	Issue No.	24
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Operation & Maintenance Manual			37.262648 °	°
				-120.288194 °	-120.288194 °
DWR ID	DWR_NA0013_51_t_2016_24				
Action/Comments					
Inspector Comments: The District has the O&M manual.					

No Photos

**\* Location**  
LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**  
A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement